

## ABSTRACT OF THE DISCLOSURE

In a color conversion method of inputting at least two color difference values and obtaining a corresponding saturation value, a main lookup table which  
5 stores the saturation value for the color difference values, and a sub-lookup table for obtaining an address for accessing the main lookup table, are created. An address to be used in accessing the main lookup table is determined on the basis of the sub-lookup table and the difference between the two color difference values, in correspondence with two arbitrary color difference values. A  
10 saturation value corresponding to the two color difference values is obtained from the determined address of the main lookup table.